

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001880**Date Inspected:** 30-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	Bottom & Side Plates				

Summary of Items Observed:

CALTRANS Quality Assurance (QA) Inspector, Erik Prue was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

The QA Inspector performed random visual and magnetic particle inspections of portions of bottom and side plate T stiffener welds on plates BP 023-001, BP 020-001, BP 002-001, SP 020-001, SP 024-001, SP 021-001, SP 028-001, SP 016-001, SP 051-001, SP 063-001, SP 075-001, SP 076-001, SP 064-001, SP 052-001, SP 077-001, SP 065-001, and SP 053-001. ZPMC QC inspector Mr. Zhou Diong Yun and Cai Xin Xin had previously performed a magnetic particle inspection of BP 023-001, BP 020-001, SP 051-001, SP 063-001, SP 075-001, SP 077-001, SP 065-001, and SP 053-001 approximately a 10% length of welds for plates and accepted them. The following plates had no QC MT inspection marks; SP 020-001, BP 002-001, SP 024-001, SP 021-001, SP 028-001, SP 016-001, SP 076-001, SP 064-001, and SP 052-001. Please see TL-6028 MT report dated 03-30-2008 for details on MT inspection

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Item Description	WBS	Dwg No.	Status
1 SP 053-001			MT Complete
SP 053-001 shown with QC and QA MT inspection completed marks			

Summary of Conversations:

No Significant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Patrick Lowery, (858) 344-2712, who represents the Office of Structural Materials for your project.

Inspected By:	Prue,Erik	Quality Assurance Inspector
Reviewed By:	Hager,Craig	QA Reviewer
